

Please replace the previously filed Abstract with the following amended Abstract:

~~Air ventilation cooling systems are described for operation in a portable power device. Each air ventilation system comprises a cord along with a stand in a structure that allows efficient heat dissipation generated from a power module. In a first aspect of the invention, a portable power device with natural convection for heat transfer is disclosed. In a second aspect of the invention, portable power devices with forced convection for heat transfer are disclosed. A portable power device~~ A system that, in a natural convection mode embodiment, comprises a structure having an output cord[;] and a stand[,] ~~coupled to the output cord, thereto~~ for mounting a power module in a substantially vertical orientation[,]. ~~The the stand having~~ has ~~a base with a first vertical piece extending therefrom from the base to a first fin that is parallel to the base and having a second vertical piece extending from the base to a second fin that is parallel to the base[,].~~ ~~The the power module plugging into the stand defines for creating a first gap along an edge of the first fin that is adjacent to the a first side of the power module and creating defines a second gap along an edge of the second fin that is adjacent to the second side of the power module[,].~~ ~~The the stand allowing~~ allows vertical heat dissipation generated by the power module with air flow vertically through the first and second gaps. Alternatively, an air fan is included for forced convention.